

Title (en)  
METHODS AND MEANS FOR OBTAINING MODIFIED PHENOTYPES

Title (de)  
VERFAHREN UND MITTEL ZUM ERHALT VON VERÄNDERTEN PHÄNOTYPEN

Title (fr)  
PROCEDES ET MOYENS D'OBTENTION DE PHENOTYPES MODIFIES

Publication  
**EP 1068311 B1 20110427 (EN)**

Application  
**EP 99910592 A 19990407**

Priority  
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• US 12773598 A 19980803

Abstract (en)  
[origin: WO9953050A1] Methods and means are provided for reducing the phenotypic expression of a nucleic acid of interest in eucaryotic cells, particularly in plant cells, by introducing chimeric genes encoding sense and antisense RNA molecules directed towards the target nucleic acid, which are capable of forming a double stranded RNA region by base-pairing between the regions with the sense and antisense nucleotide sequence or by introducing the RNA molecules themselves. Preferably, the RNA molecules comprises simultaneously both sense and antisense nucleotide sequence.

IPC 8 full level  
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Citation (examination)  
LEE, R C ET AL: "The C. elegans heterochronic gene lin-4 encodes small RNAs with antisense complementarity to lin-14", CELL, vol. 75, no. 3, 1993, pages 843 - 854, XP024246130

Cited by  
EP2554674A1; WO2017039452A1; WO2011147968A1; WO2006133983A1; WO2010142465A1; US9532520B2

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